

BORNEMISZA, Gy.; BEREGSZASZI, G.; FURKA, I.; NAGY, Z.

Lymph circulation in auto-alloplastic thoracic plombs. Acta Chir.  
Acad. Sci. Hung. 2 no.4:445-452 '61.

1. Institute of Surgical Anatomy and Operative Surgery, University  
Medical School, Debrecen (Head: Gy. Bornemisza)

(LYMPHATIC SYSTEM) (THORAX surgery)  
(RESINS) (NYLON)

CSABA, B.; BEREGSZASI, Gy.; KOVER, A.; CSONGOR, J.; SZILAGYI, T.

The histamine content of guinea pig ileum in Schultz-Dale reaction.  
Acta. Physiol. Acad. Sci. Hung. 20 no.2:165-170 '61.

1. Institute of Pathophysiology and Institute of Physiology, Medical  
University, Debrecen.

(HISTAMINE metab) (ILEUM metab)(ALLERGY metab)

KOVER, B.; BEREGSZASZI, Gy.

On the 24-hour rhythm of heat production in premature infants.  
Acta pediat. 4 no.1:23-31 '63.

1. Kinderklinik (Direktor: Prof. Dr. L. Kulin) der Medizinischen  
Universitat Debrecen.

(BODY TEMPERATURE) (INFANT, PREMATURE)  
(PERIODICITY)

KASZAS, Tibor, Dr, BEREGSZASZI Gyula, Dr: Medical University of Debrecen, Pediatric Clinic (Debreceni Orvostudományi Egyetem, Gyermekklinika) and City Council of Debrecen, Institute of Heart Care in Schools (Debrecen m.j. Varos Tanacs, Iskolai Szivbeteggondozo Intezet).

"The Frequency of W.P.W. Syndrome and its Evaluation in Children and Young Adults."

Budapest, Orvosi Hetilap, Vol 104, No 31, 4 Aug 1963, pages 1441-1448

Abstract: [Authors' Hungarian summary] After a report on the survey of medical literature, the authors describe 24 cases of W.P.W. syndrome which have been followed by them for several years. The frequency of the syndrome is 1.15 per cent among the patient material available to the authors. Two-thirds of the patients are boys, the youngest 3 1/2 years old. Eleven of the patients were without symptoms. Eight patients had organic heart defects (congenital or carditis). In one of the cases the disease developed and later became chronic after scarlet-fever carditis, in another case, a child with combined heart defects, the syndrome manifested itself periodically, a few days before death. Autopsy was performed on this patient. Paroxysmal tachycardia occurred in 4 cases. The effect of stress, atropine, hyperventilation, carotid-sinus compression, the Valsalva test, and the ocular reflex on the EKG graph of patients with W.P.W. syndrome has been investigated. Neurological and EEG tests were made to study the role of the nervous system

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Budapest, Orvosi Hetilap, Vol 104, No 31, 4 Aug 1963, pages 1441-1448.

in the disease. Based on the analysis of the available material it is concluded that W.P.W. syndrome is not merely an esthetic error on the EKG, but an etiological explanation is necessary for each case. Cases which are accompanied by organic heart defects should be treated in accordance with the underlying disease, while the other cases require individual evaluation. 6 Hungarian, 61 Western references.

CSORBA, Sandor, dr.; BEREGSZOSZI, Gyula, dr.

Our experiences with prednisolone therapy in diphtheria. (av.  
hetil. 106 no.8:355-357 21 F 1965

1. Debreceni Orvostudományi Egyetem, Gyermekklinika (igazgató:  
Kulin, László, dr.).

BEREGSZASZI, Miklos

A simple CQ-automatic adapter. Radiotechnika 12 no.10:329  
0 '62.

BEREGSZASZI, Miklos (HG 5 KBP)

From the plans of HG 5 KBP. Radiotechnika 13 no.11:419  
N '63.



BEREHOIU, Gh. V.

Permanent fistula of the large intestine in ewes; cannulae used.  
Studii agr Timisoara 8 no.1/2:137-144 '61.

1. Facultatea agrosotehnica Timisoara.

(Ewes) (Fistula) (Intestines)

NAGY, G. Agnes; BEREI, Klara

18

A new method for producing carrier-free F isotopes. Koz fiz  
kozl MTA 12 no.1:95-100 '64.

NAGY, G. Agnes; BEREI, Klara

Synthesis of  $^{18}\text{F}$  isotope and possibilities for its application.  
Kém tud közl MTA 21 no.3;299-311 '64.

1. No.1 Laboratory of Nuclear Chemistry, Central Research  
Institute of Physics, Hungarian Academy of Sciences, Budapest.

BEREI, Klara

Thin-layer chromatographic analysis of some organic phosphorus and arsenic compounds. Kcz fiz kozl MTA 13 no.1:49-53 '65.

1. Submitted November 4, 1964.

BEREK, Barbara

Evaluation of the results of sandosten therapy of allergic diseases in children. *Pediat. polska* 34 no.8:1061-1066 Aug 59.

1. Z I Kliniki Chorob Dzieci A. M. w Warszawie Kierownik: prof. dr med. R. Baranski  
(ANTIHISTAMINICS, ther.) (ALLERGY, ther.)

BEREK, Barbara; BOGUMIL, Maria; SAWICKA, Elzbieta

A case of Niemann-Pick disease in a 4-month-old infant. *Pediat. polska* 35 no.2:216-221 F '60.

1. Z I Kliniki Chorob Dzieci A.M. w Warszawie. Kierownik: prof. dr.med. R. Baranski i s Zakladu Anatomii Patologicznej A.M. w Warszawie. Kierownik: prof.dr.med. L. Paszkiewicz.  
(LIPOIDOSIS in inf.& child.)

BEREK, Barbara; MICHALOWICZ-WOJCZYNSKA, Ewa

Myatonia congenita according to cases observed in the Pediatric  
Clinic of the Academy of Medicine in Warsaw. Polski tygod. lek. 16  
no.30:1149-1151 J1 '61.

1. Z I Kliniki Chorob Dzieci A.M. w Warszawie; kierownik: prof. dr  
med. R. Baranski.

(AMYOTONIA CONGENITA)

23775

3/197/61/003/006/018/019  
B110/B208

15 8107

12-9

AUTHORS:

Lazar, M., Pavlinec, I., Maňasek, Z., Miško, M., Berek, D.

TITLE:

Ozonization of atactic polypropylene

PERIODICAL:

Vysokomolekulyarnyye soedineniya, v. 3, no. 6, 1961,  
943 - 947

TEXT: One type of polymer modification consists of an incorporation of functional groups which are bound to the principal chain. The peroxides or hydrogenperoxides obtained by ozonization may be important for the production of graft polymers. The authors studied the accumulation of functional hydrogenperoxide groups in atactic polypropylene by means of ozonization carried out quickly and at low temperature. After five-fold precipitation of polypropylene from isooctane by methanol it dissolved colorless in isooctane. Its intrinsic viscosity was 0.115 l/g (decaline, 25°C). To attain a quick oxidation the films were mounted on cylindrical glass frames. Atactic polypropylene dissolved in a mixture (1 : 1) of low-boiling benzene (boiling point 80°C) and isooctane was poured onto

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Ozonization of atactic polypropylene

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B11C/B20a

the water in the frame profile, and the solvents were evaporated. 32 mg ozone were formed per l oxygen in the ozonizer with 10,000 V and a flow rate of O<sub>2</sub> of 0.5 l/min. The peroxides were determined iodometrically, the viscosities in the capillary viscosimeter. Samples of different thickness were studied (Fig. 1), with the peroxide content depending on their thickness over the entire range. Later on, however, only 0.11 mm thick films were tested because of the required mechanical strength. Fig. 2 shows the effect of ozone concentration on peroxide accumulation. Fig. 3 illustrates the peroxide oxygen accumulation between 0 - 60°C. Viscosity tests on ozonized samples in decaline indicate a partial destruction of the macromolecules. The samples were found to be incompletely soluble. Fig. 4 compares the intrinsic viscosities and the peroxide concentration during ozone and atmospheric oxidation. The content of insoluble components depends on time and temperature of ozonization. Ozone acts as an initiator. The increased reaction rate as compared with those of air or oxygen at low temperatures increases the difference between oxidation- and diffusion rate in the film. Surface and thickness considerably affect the rate of peroxide accumulation. As it is approximately proportional to the square root of the increase of the portions

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Ozonization of atactic polypropylene

insoluble after ozonization, the latter represent the oxidation initiator. Their oxidation rate is higher from the beginning of the reaction. They are probably formed by cross linking of polymer chains by peroxide groups, hydrogen peroxides and polymeric peroxides which are formed particularly on the film surface. At a certain temperature a maximum concentration of peroxide oxygen cannot be exceeded at arbitrary oxidation time. (Fig.3). Contrary to atmospheric oxidation, it does not decrease in the case of ozonization, the peroxide decomposition rate being equal to the formation rate. This maximum concentration approximately corresponds to the peroxide concentration in the insoluble part of the film. A dynamic equilibrium is assumed to be present in the system because of the destruction of the macromolecules. At a larger sample thickness the maximum peroxide concentration is attained more slowly. A 10 % content of insoluble fractions corresponds to a surface layer of 0,005 mm in a 0,11 mm thick sample. As in this case the formation of insoluble fractions acts in at once at beginning ozonization, the maximum concentration in small samples is attained more rapidly. At higher oxidation temperatures (39°C, 56°C) the insoluble fractions decrease. Presumably hydrogenperoxides are formed at the expense

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Ozonization of atactic polypropylene

of the formation of unstable peroxides at equal total amount of peroxide oxygen, as the latter are exposed to a higher thermal stress. After 1000 hr at room temperature the hydrogenperoxide content decreases by 20 %, all peroxides, however, are already decomposed. There are 5 figures and 6 references: 2 Soviet-bloc and 4 non-Sovist-bloc. The reference to the English-language publication reads as follows: Ref. 3: Natta: J. Polymer Sci., 34, 696, 1959.

ASSOCIATION: Chemical Institutes of the Slovakian AS, Bratislava

SUBMITTED: December 30, 1960

Card 4/84

15.8061

2527k

S/190/61/003/007/018/021  
B101/B230

AUTHORS: Maňásek, Z., Berek, D., Mičko, M., Lazár, M., Pavlinec, J.

TITLE: Formation and decomposition of hydroperoxides of atactic polypropylene

PERIODICAL: Vysokomolekulyarnyye soyedineniya, v. 3, no. 7, 1961, 1104 - 1109

TEXT: Reference is made to the fact that grafting of side chains and thus modification of polymers is possible by formation of macroradicals. Such macroradicals may be formed by decomposition of peroxides formed in the oxidation of polymers. The target of the present paper was therefore to study the conditions of the formation and decomposition of peroxides on the example of atactic polypropylene. Polypropylene was purified by repeated precipitation from an alcohol and isooctane solution by methanol and heating to 160°C in a nitrogen atmosphere. From a 3% solution of polypropylene in isooctane, films 0.1 mm thick were produced on glass plates and oxidized by heating in air at 90 - 120°C. Determination of peroxides took place in nitrogen atmosphere. To the polymer dissolved in chloroform a saturated acetic acid KI solution was added, X

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Formation and decomposition of... 2527%

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B101/B230

and the iodine released titrated with hyposulfite. The change in molecular weight caused by oxidation was determined viscosimetrically in a decalin solution. Decomposition of peroxides took place at 90 - 120°C in nitrogen atmosphere in sealed ampuls. A study of the oxidation showed that the same was depending on the diffusion of oxygen in the film, herewith on the thickness of the film. At rising temperature, oxidation was faster than the rate of diffusion of O<sub>2</sub> in the film. Optimum film thickness

was found to be 0.1 mm. Fig. 2 shows the kinetic course of oxidation as a function of reaction time. For the initial phase of the reaction, the equation:  $d[\text{ROOH}]/dt = \alpha[\text{ROOH}]$  (1) is put down, where  $\alpha$  is the auto-catalytic factor,  $[\text{ROOH}]$  is the concentration of peroxides determined experimentally after termination of time  $t$ . In the subsequent phases of oxidation  $\alpha$  is not constant any longer. The empirical equation:  $[\text{ROOH}]_t = \frac{\alpha/(\beta - \gamma)}{\alpha/(\beta - \gamma) - 1} [\exp(-\gamma t) - \exp(-\beta t)] + [\text{ROOH}]_{\text{init}} \exp(-\beta t)$  (5) is quoted.  $\alpha, \beta, \gamma$  are constants. For 100°C, and assuming  $\alpha = 1.078$ ,  $\beta = 0.11$ ,  $\gamma = 0.038$ ,  $[\text{ROOH}]_{\text{init}} = 0.385$ , the curve was calculated and drawn into Fig. 2 as a dash line. From the linear dependences  $\log w = f(1/T)$ ;  $\log w = f(1/T)$ ,

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Formation and decomposition of...

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B101/B230

where  $w$  is the rate of oxidation, the activation energy of the accumulation of peroxides in the polymer was calculated to be 24 - 25 kcal per mole. The induction period observed may be reduced or entirely eliminated by previous accumulation of peroxides, e. g., by treating the polymer with ozone. It was found that the intrinsic viscosity (and therefore also the molecular weight) decreases with increasing concentration of peroxides, regardless to temperature, following the same rules. Decomposition of the peroxides in inert atmosphere takes place as a reaction of second order (Fig. 5). Dependence  $1/[ROOH] = f(T)$  is a linear function. Activation energy calculated from the constant of destruction rate amounts to 27 kcal per mole. The same value results from the function  $\log (1/t_{max}) = f(1/T)$ , where  $t_{max}$  is the time in which maximum concentration of peroxides is attained. V. B. Miller and M. B. Neyman are mentioned. There are 7 figures and 5 references: 2 Soviet-bloc and 3 non-Soviet-bloc. The reference to English-language publication reads as follows: G. Natta, E. Beati, F. Severini, J. Polymer Sci., 34, 685, 1959.

ASSOCIATION: Chemical Institutes of the Slovakian Academy of Sciences,  
Bratislava

Card 3/5

LAZAR, M.; PAVLINETS, I.; MANYASEK, Z.; MICHKO, M.; BEREK, D.

Ozonization of atactic polypropylene. Vysokom.soed. 3 no.6:943-947  
Je '61. (MIRA 14:6)

1. Khimicheskiye instituty Slovatskoy Akademii nauk, Bratislava.  
(Propene) (Ozone)

MANYASEK, Z.; BEREK, D.; MICHKO, M.; LAZAR, M.; PAVLJNETS, Yu.

Formation and decomposition of hydroperoxides of atactic propylene.  
Vysokom.soed. 3 no.7:1104-1109 J1 '61. (MIRA 14:6)

1. Khimicheskiye instituty Slovatskoy akademii nauk, Bratislava.  
(Propene) (Peroxides)



BEREK. G., ADAM. T.

"Double mating by two unrelated boars; hererosperm insemination." p. 180. (AGRARTUDOMANY, Vol. 5, no. 6, June 1953. Budapest.)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress  
August, 1953, Uncl.

BEREK, G.

AGRICULTURE

PERIODICAL: MAGYAR MEZOGAZDASAG. Vol. 10, no. 21, Nov. 1955

Berek, G. Current questions on the fattening of pigs. p. 15.

Monthly list of East European Accessions (EFAI) LC. Vol. 8, No. 2,  
February 1959, Unclass.

HUNGARY / Farm Animals. Swine.

Q

Abs Jour : Ref Zhur - Biologiya, No 5, 1959, No. 21258

Author : ~~Berek, Geza~~; Farkas, Belane

Inst : Not given

Title : Investigating the Artificial Raising of Nursing Piglets

Orig Pub : Allattenyeszes, 1957, 6, No 3, 237-242

Abstract : The successfully conducted experiment of raising "Syrot" nursing piglets with the Danish preparation Lactal is described; the dry preparation was dissolved in warm water (1 : 4) and fed from a nursing nipple; at first the piglets were fed 7 - 10 times daily, at the age of 2 months they were fed 2 times daily. -- V. A. Kanzyuba

Card 1/1

KERTESZ, F.; BEREK, G.; CSIRE, L.

Protein requirement of suckling and weaned piglings. Acta agronom  
Hung 9 no.3/4:299-318 '59. (EEAI 9:7)

1. Schweinezucht-Abteilung des Forschungsinstituts für Tierzucht,  
Budapest.  
(Hungary--Swine) (Proteins)

**BEREK, Gezane**  
~~XXXXXXXXXXXX~~

Comparative analysis of the quality of the wool of young and fully developed sheep. Allattenyesstes 11 no.2:177-182 JI '63.

1. Allattenyesstes Kutacionteset Juhtenyestesesi Osztalya, Budapest.

KERTESZ, E.; BEREK, G.

Investigations on the compensating capacity in fattening  
of the Cornwall pig. Acta agronom Hung 13 no.1/2:201-215  
'64.

1. Department of Pig Breeding of the Research Institute of  
Animal Husbandry, Budapest. Submitted September 1, 1963.

BEREK, J.; NIEMIEC, J.; TRZEBIATOWSKI, W.

High-temperature laboratory furnaces. p. 458. (PRZEMYSŁ CHEMICZNY, Vol. 10, No. 9, Sept. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954  
Uncl.

BEREK, Jeno

The aid of the Budapest shoemakers is requested. Magy kislpar  
7 no.5:2 7 Mr '63.

1. Szegedi cipesz szakosztaly el:



SZABO, Rezzo, dr.; BEREK, Laszlo, dr.; SEBOK, Zsuzsa, dr.

Data on simultaneous presence of rheumatic fever and subacute  
septic endocarditis. Magy. belorv. arch. 13 no.1:1-5 Mr '60.

1. A Szegedi Orvostudományi Egyetem II. sz. Belklinikájának  
(igazgató: Julesz, Miklos, dr., egyetemi tanár) közleménye.  
(RHEUMATIC FEVER compl.)  
(ENDOCARDITIS SUBACUTE BACTERIAL compl.)

BEREK, László, dr.

Diagnostic value of contrast medium roentgenography of a fistula.  
Magy radiol. 13 no.1:19-25 Ja '61.

1. Szegedi Orvostudományi Egyetem Röntgen Klinikájának (igazgató:  
Szenes Tibor dr. egyet. tanár) közleménye.  
(FISTULA radiog)

MIHALKA, T.; BEREK, S.

Investigations on fleece density in improved Hungarian combing-wooled merino sheep. Acta agronom Hung 9 no.3/4:291-298 '59.

(EEAI 9:7)

1. Sheep Department of the Research Institute for Animal Breeding, Budapest.

(Hungary--Merino sheep) (Wool)

WILKOSZEWSKI, Edward; BEREK-PYZIKOWA, Barbara

Reactions following preventive vaccination of children with allergic diseases. *Pediat. pol.* 38 no.1:15-25 '63.

1. Z I Kliniki Chorob Dzieci AM w Warszawie Kierownik: prof. dr med. R. Baranski.

(ALLERGY) (VACCINATION) (BCG VACCINATION)  
(SMALLPOX VACCINE) (DIPHTHERIA TOXOID)  
(TETANUS TOXOID) (PERTUSSIS VACCINE)  
(POLIOVIRUS VACCINE) (TYPHOID-PARATYPHOID VACCINES)

BEREKASHVILI, V.A.

Borel's summation of double series. Soob. AN Gruz. SSR 14 no.4:193-196 '53. (MLRA 7:3)

1. Tbilisakiy gosudarstvennyy universitet im. Stalina. (Series)

**BEREKASHVILI, V.A.**

Euler's methods of summation of double series. Soob AN Gruz. SSR  
16 no.5:337-342 '55. (MIRA 9:2)

1. Akademiya nauk Gruzinskoy SSR, Tbilisskiy matematicheskiy in-  
stitut imeni A.M. Rasvadze. Predstavleno akademikom N.I. Muskheli-  
shvili. (Series)

*Inst. Math, AS GSSR*

BEREKASHVILI, V.A.

Euler's and Borel's summation methods for double series. Trudy Mat.  
inst. AN Gruz. SSR 24:53-69 '57. (MIRA 11:3)  
(Series)

BEREKO, A.A.

Goiter in children of the Lenin District of Khabarovsk Territory.  
Trudy Khab.med.inst. no.20:136-140 '60. (MIRA 15:10)

1. Iz kliniki detskikh bolezney (zav. dotsent G.S.Postol)  
Khabarovskogo meditsinskogo instituta.  
(LENIN DISTRICT (Khabarovsk Territory)--GOITER)



BEREKO, A.M.

Characteristics of conditioned reflexes in a protracted course of  
dysentery in children. Trudy Khab.med.inst. no.20:23-26 '60.

(MIRA 15:10)

1. Iz kliniki detskikh bolezney (zav. dotsent G.S.Postol)  
Khabarovskogo meditsinskogo instituta.

(CONDITIONED RESPONSE) (DYSENTERY)

BEREK-PYZIKOWA, Barbara

Management of most severe allergic reactions. Wiad. lek. 18  
no. 5:389-393 1 Mr '65

1. Z I Kliniki Pediatrycznej Akademii Medycznej w Warszawie  
(Kierownik: prof. dr. med. R. Baranski).

BEREK-PYZIKOWA, Barbara

Allergoses in children caused by known and widely distributed allergens. *Pediat. Pol.* 40 no.8:831-835 Ag '65.

I. Z I Kliniki Pediatricznej AM w Warszawie (Kierownik: prof. dr. med. R. Baranski).

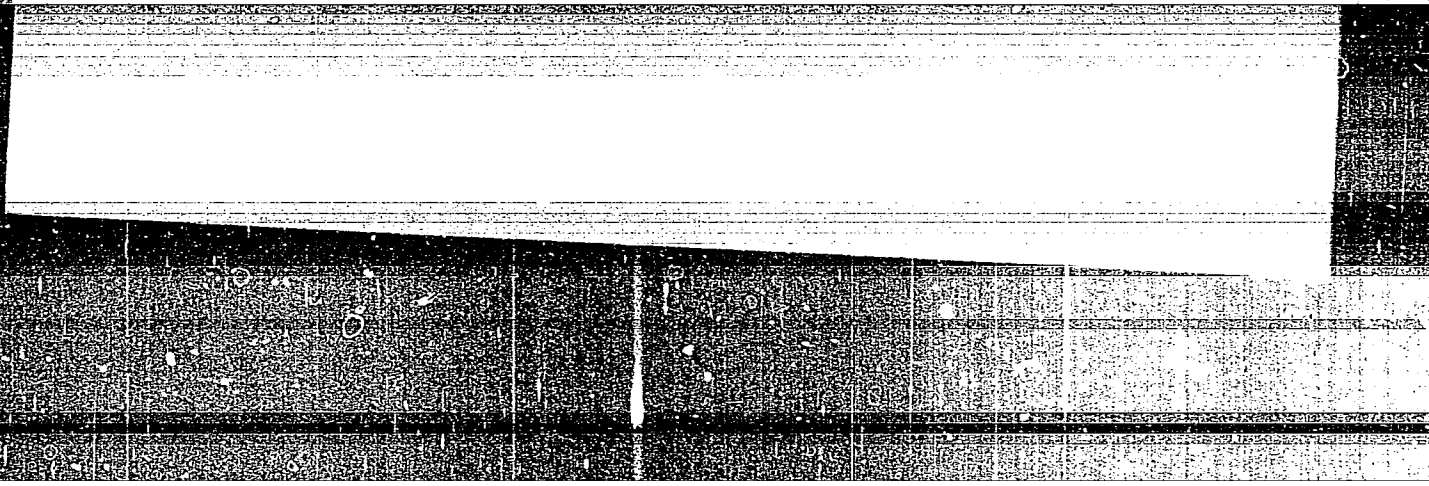
BEREK-PYZIKOWA, Barbara; ROWECKA-TRZEBICKA, Krystyna

The sex factor in rickets. *Pediat. Pol.* 40 no.10:1095-1098  
0 '65.

I. Z I Kliniki Pediatricznej AM w Warszawie (Kierownik: prof.  
dr. med. R. Baranski).

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000204810002-4



APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000204810002-4"

BEREL'KOVSKIY, TS. Ya.

USSR/Geophysics - Prospecting

May/June 51

"Electrical Profiling Over an Inclined Contact,"  
Ts. Ya. Berel'kovskiy, B. G. Zubanov

"Iz Ak Nauk SSSR, Ser Geofiz" No 3, pp 16-30

Establishes linear relations among potentials of the fld which is excited by point source of const current over inclined contact ( $45^{\circ}$ - $30^{\circ}$ ) at given point of observation for various positions of source relative to line of contact. Evaluates series which det potentials. Derives approx formulas for potentials and gives graphic data on calcn of the fld. Submitted 5 Jan 51 by Acad O. Yu. Shmidt.

186T40

BOGDANOV, M.; BRREL'SON, A.; VOLKOV, V.; VOZNESENSKIY, S.; ZELENUKHIN, S.;  
IOFE, N.; KORENEV, P.; KRIVINSKAYA, I.; KULAGIN, M.; MARSAVIN, M.;  
MINAKOVA, P.; POPOVA, M.; SUKHNEV, S.; SHTALTOVNYI, A.; FALEYEVA, L.  
FROKTIKOV, P.; CHULANOVA, M.; YATSYNIN, N.

Obituary. Ptitsevodstvo 9 no.2:48 F '59. (MIRA 12:3)  
(Shutov, Nikolai Ivanovich, d. 1958)

*Berel'son*

135-58-7-15/20

AUTHOR: Lysenko, A.F., Berel'son, E.L., and Tarlinskiy, V.D., Engineers

TITLE: On the Revision of GOST 2523-51 "Steel Electrodes for Arc Welding and Fusing" (K peresmotru GOSTa 2523-51 "Elektrody stal'nyye dlya dugovoy svarki i naplavki")

PERIODICAL: Svarochnoye proizvodstvo, 1958, Nr 7, pp 39-40 (USSR)

ABSTRACT: With reference to an article published by A.A. Yerokhin, "Basic problems of electrode standardization in arc welding", the authors agree generally with the submitted proposal and suggest some additional considerations concerning electrode classification, coating and control. There is 1 table.

ASSOCIATION: Moskovskiy zavod metallicheskih elektrodov (Moscow Plant of Metal Electrodes)

1. Welding electrodes---Standards    2. Arc welding---Electrodes

Card 1/1



TROITSKIY, V.N.; NAKHAYEV, N.Ye.; SMORODIN, A.I.; BEREMBYUM, G.B.

Causes for the breakdown of air preheaters. Metallurg 8 no.8:  
11-12 Ag '63. (MIRA 16:10)

1. Novolipetskiy metallurgicheskiy zavod.

BEREMCZ. Ferenc

Contribution of octupolar forces to the Van der Waals attractions.  
Magy fiz folyoir 8 no.3:207-210 '60. (EEAI 10:1)

1. Egyetemi Elméleti Fizikai Intezet, Szeged.  
(Molecular dynamics) (Helium)  
(Atoms) (Quantum theory)

CSAPO, Jozsef, dr.; JAKICS, Jozsef, dr., BEREMENYI, Istvan, dr.

Recent studies on the prophylaxis and prevention of spreading of measles. Gyermekgyogyasszat 12 no.1:1-6 Ja '61.

1. A Lasslo korhas (igazgato: Roman Jozsef dr.) I. sz. gyermekosztalyanak kozlemenye.  
(MEASLES prev & control)

BEREMSKI, S.

BEREMSKI, S. Fattening pigs with poorly concentrated stuffs. p. 22. Vol. 11,  
no. 11. Nov. 1956. KOOPERATIVNO ZEMEDELIE. Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Vol. 6 No. 4 April 1957

BULGARIA/Farm Animals. Swine.

Q-2

Abs Jour: Ref Zhur - Biol., No. 22, 1958, 101170

Author : Goergiyev, Isay, Syarov, I., Beremski, St.

Inst : -

Title : Fattening Young Swine with Fodder Containing  
Various Amounts of Digestible Proteins per  
Feed Unit.

Orig Pub: Zhivotnovodstvo i vet. delo, 1957, 21, No. 9,  
11-17

Abstract: One group of piglets received fodder containing  
normal amounts of digestible proteins per feed  
unit. Another group was given fodder which  
contained 20 percent less protein than the norm,  
and a 3rd group was fed fodder which contained  
20 percent more protein than the norm quantities

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Q-2

BULGARIA/Farm Animals. Swine.

Abs Jour: Ref Zhur - Biol., No. 22, 1958, 101170

of digestible proteins per feed unit. Bulgarian White breed piglets and crossbred hybrids of the Bulgarian White breed with the Mangalitsa breed received fodder with the same protein contents as the above-mentioned 3 groups, whereas hybrids of the Bulgarian White breed and the Derman breed received fodder with normal or lowered protein contents. Each test group, formed in accordance with the principles of analogy methods, consisted of 6 piglets weighing 28-30 kg. Computations of consumed fodder and attained weight gains were made according to periods at which the animals reached the weight of: 1) 25-120 kg; and 2) 120-150.kg. Hybrids of the White breeds and the Mangalitsa breeds reached a 150 kg level (starting at 25 kg) at the age of 179 days if their fodder's protein content was increased, at the age of

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BULGARIA/Farm Animals. Swine.

Q-2

Abs Jour: Ref Zhur - Biol., No. 22, 1958, 101170

218 days if protein content was decreased. Purebred piglets reached this weight level at the ages of 201, 195 and 259 days, respectively. With minimal protein contents, hybrids of White and Derman breeds reached the 150 kg weight level in 197 days, and with normal protein contents in 192 days. When protein contents of fodder were at their maximum, feed unit expenditures per each kg of weight gain as required for the fattening of piglets were at their minimum, and vice-versa. Hybrids required somewhat less fodder per 1 kg of weight gain than pure-bred animals. -- K.M. Lyutikov

Card 3/3

29

BEREMSKY, J.

TECHNOLOGY

periodicals: PRUMYSL POTRAVIN Vol. 9, no. 8, Aug. 1958

BEREMSKY, J. Safety valves for refrigeration equipment. (Supplement)  
p. 8.

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 5  
May 1959, Unclass.



BEKTUROV, A.B.; BIREMZHANOV, B.A.

Solubility in citric acid of the phosphate component of thermophosphates.  
Izv.AN Kazakh.SSR Ser.khim.no.2:14-19 '48. (MIRA 9:7)  
(Phosphates) (Citric acid)

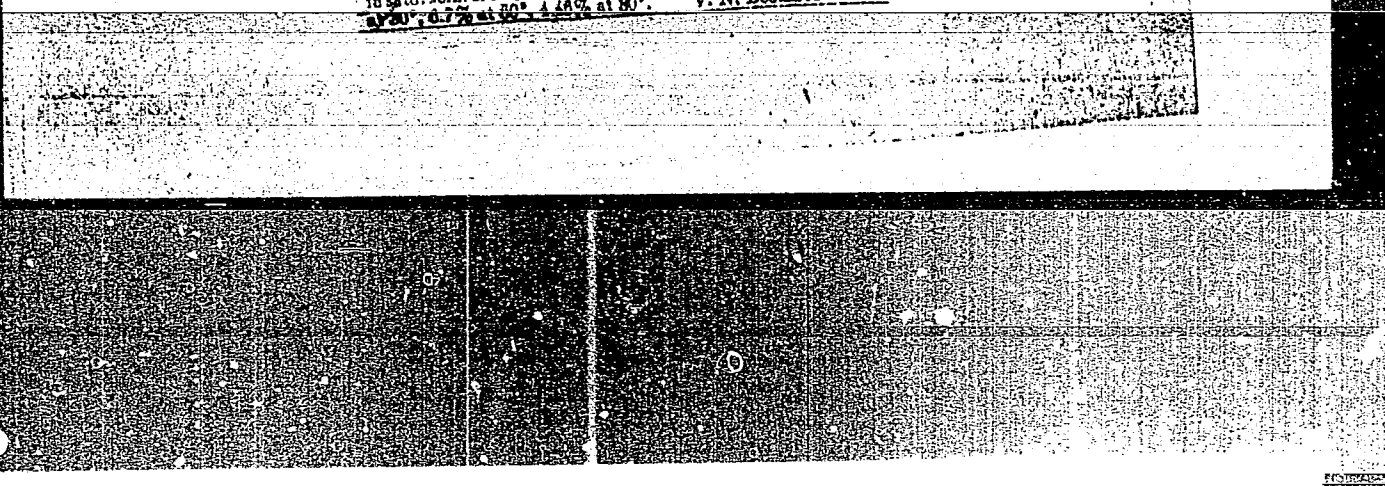
BERENZHANOV, D. N.

Equilibrium state of the system  $\text{Na}_2\text{S}-\text{Na}_2\text{CO}_3-\text{H}_2\text{O}$   
D. N. Berenzhanov, A. A. Uralova, and A. B. Rekiunov. *Izv. Akad. Nauk Kazakh S.S.R., Ser. Khim.* No. 3, 60-3  
(1953) (In Russian).— $\text{Na}_2\text{S}$  after recryst. in  $\text{H}_2$  atm. con-  
tained 31.70%  $\text{Na}_2\text{S}$ , 0.00%  $\text{Na}_2\text{CO}_3$ , and 0.79%  $\text{Na}_2\text{S}_2\text{O}_3$ .  
After dehydration at 110–110 mm. Hg at 150° for 20 hrs. it  
contained 31.70%  $\text{Na}_2\text{S}$ , 0.00%  $\text{Na}_2\text{CO}_3$ , and 0.79%  $\text{Na}_2\text{S}_2\text{O}_3$ . Equil. at

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4

✓ Physicochemical study of the salt springs in Chul-Adyr location. A. B. Bekturev, A. T. Ming, and B. A. Berembaev. *Vestnik Akad. Nauk Kazakh. S S R. U.*, No. 12, (volume No. 129), 85-92 (1958). Analytical data are given for waters in various locations of saline springs of the Chul-Adyr area, giving the content of  $\text{HCO}_3^-$ ,  $\text{SO}_4^{2-}$ ,  $\text{Cl}^-$ , Mg, and Ca. Some of the springs are predominantly high in sulfates, whereas others are predominantly high in chlorides.

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48

G. M. Kozlov

BEREMZHANOV, B.A.

Karasuat, a thenardite lake. Izv.Zh Kazakh,SSR.Ser.khim. no.1:8-13  
'59. (MIRA 13:6)

(Karasuat Lake (Kazakhstan)--Thenardite)

BEREMZHANOV, B.A.

Physicochemical materials for the study and exploitation of the sulfate  
deposit of Lake Karashygan-2. Izv. AN Kazakh. SSR. Ser. khim. no.1:  
35-44 '60. (MIRA 13:11)

(Karashygan, Lake--Sulfates)

BEREMZHANOV, B.A.

Physicochemical characteristics of the sulfate lake Karashygan-1.  
Izv. AN Kazakh. SSR Ser. khim. no. 2:39-49 '60. (MIRA 14:5)  
(Karashygan, Lake--Salts)

BEREMZHANOVA, I.A.

Extero- and interoceptive influences on the lymph circulation in  
ontogeny. Trudy Inst. fiziol. AN Kazakh. S.S.R. no.6:268-424 '65.  
(MIRA 18:5)



EXCERPTA MEDICA Sec 2 Vol 12/5 Physiology May 59

1731. REFLEXES FROM THE INTESTINE ON THE LYMPH FLOW IN ONTO-  
GENESIS (Russian text) - Beremzhanova I. A. - BYULL. EKSPER.  
BIOL. I MED. 1958, 46/7 (24-26) Graphs-2  
Experiments were performed on 30 puppies. It was shown that the reflex regulation  
of lymph circulation depended on age. Stimulation of gastric mechanoreceptors caused  
no change of lymph flow in puppies up to 14 days, but in puppies older than 14 days  
an increased lymph flow was noted on stimulation of the intestinal mechanoreceptors.  
(11, 6, 8\*)

BEREMZHANOVA, I.A.

Urinary tract interoceptive effects on lymph circulation in ontogenesis.  
Biul. eksp. biol. med. 47 no.5:15-18 My '59. (MIRA 12:7)

1. Iz kafedry normal'noy fiziologii (zav. - akademik AN Kazakhskoy SSR  
A.P. Polosukhin) Kazakhskogo gosudarstvennogo meditsinskogo instituta,  
Alma-Ata. Predstavlena deystvitel'nym chlenom AMN SSSR Y.V. Parinym.

(URINARY TRACT, physiol.  
eff. of interoceptive stimulation on lymph circ. (Rus))

(LYMPH,  
circ., eff. of interoceptive urinary stimulation (Rus))

BEIBERHANOVA, I. A., kand. biol. nauk

Reflex influences from the stomach on the lymph circulation in  
ontogenesis. Vest. AN Kazakh. SSR. 19 no.5:51-54 My '63.  
(MIRA 17:7)

RUMANIA/General Problems of Pathology Tumors. Comparative  
Oncology. Human Neoplasms.

U.

Abs Jour : Ref Zhur - Biol., No 19, 1958, 89619  
Author : Beren, L., Durlin, D., Rosenberg, A., Kerpel, L.  
Inst : "  
Title : Leiomyoma of the Stomach.  
Orig Pub : Chirurgia, 1957, 6, No 6, 837-839.  
Abstract : No abstract.

Card 1/1

- 24 -

BEREANU, B.; THEODORESCU, R.

"Mathematical methods in the social sciences, 1959" by Kenneth J. Arrow, Samuel Karlin, Patrik Suppes. Reviewed by B.Bereanu, R.Theodorescu. Rev math pures 8 no.4:708-712 '63.

BERENBAUM, S. M.

591 ALIVERDIYEV, A. A. i BERENBAUM, S. M. Ratsional'nyye sroki immunizatsii ovets protiv sibirskoy yazvy. Makhachkala, Dagknigoizdat, 1954. 6 s. 20 sm. (M-vo sel'skogo khozyaystva Dagest. ASSR. Upr. s.-kh. propagandy i nauki-Dagest. resp. s-kh Vystavka). 1.000 ekz. Bespl- /54-54418/ p 619.3: /616.956: 615.37

SO: Knizhnaya Letopis, Vol. 1, 1955

*Berenbeym, D Ya*

USSR/ Biology - Marine life

Card 1/1 Pub. 86 - 23/36

Authors : Berenbeym, D. Ya., Cand. of Geogr. Sc.

Title : Jellyfish (Medusa) in the Black Sea

Periodical : Priroda 2, 109-110, Feb 1954

Abstract : Data are presented regarding the life cycles (summer and winter habits) of jellyfish (*Aurelia aurita*), usually observed in large numbers in the Black Sea along the north Caucasian shores. Drawings.

Institution : The Azov-Black Sea Scientific Research Institute of Sea Fish Economy and Oceanography

Submitted : .....

ZVEREV, A. A., AND BERENBEYM, D. YA.

Computation and Correction of the Horizons of Submersion of Bathometers

The insufficiencies of the procedure for computing the horizons according to the tables of A. I. Kireyev are the complexities and tremendousness of the computations, which must be carried out aboard ship, and also the impossibility of assigning all bathometers to standard horizons. The authors propose to simplify and make more precise the existing method of computing horizons. (RZhGeol, No. 5, 1955) Uch. zap. Vyssh. arkt. mor. uchilishcha, No. 5, 1954, 204-211

SO: Sum. No. 744, 8 Dec 55 - Supplementary Survey of Soviet Scientific Abstracts (17)



БЕРЕНБЕЙМ, Д., кандидат географических наук

The Tuzla washout. Vokrug sveta no.5:16 My '55. (MLRA 8:6)  
(Tuzla Island) (Kerch Straits--Ocean currents)

BERENBEYM, D.Ya.

Size of Azov anchovy schools. Vop. ikht. no. 5:78-80 '55.

1. Azovsko-Chernomorskiy nauchno-issledovatel'skiy institut  
rybnogo khozyaystva i okeanografii, AzherNIRO.  
(Black Sea--Anchovies)

USSR/Biology - Marine biology

Card : Pub. 86 - 27/35

Authors : Berenbeym, D. Ya., Cand. Geog. Sc.

Title : Pearls in Black-Sea mussels (*Mytilus edulis*)

Periodical : Priroda 44/2, 116 - 117, Feb 1955

Abstract : An account is given of pearls found in mussels of the Black Sea.

Institution : Azov-Black-Sea Scientific Research Institute

Submitted : .....

HERENBEYM, D. Ya.

Tuzla washout and the fishing industry problem in the Kerch  
Strait. Isv.Vses.geog.ob-va 87 no.2:175-179 Mr-Ap '55.

(Tuzla Island) (Kerch Strait--Fisheries) (MLRA 8:9)

BERENBEYM, D.Ya., kandidat tekhnicheskikh nauk.

Unusual form of steaming of the sea. Priroda 45 no.11:110-111  
N 156. (MLRA 9:11)

1. Azovo-Chernomorskiy institut morskogo rybnogo khozyaystva  
i okeanografii, Kerch'.  
(Black Sea--Fog)

BERENBEYM, D.Ya.

Effect of atmospheric processes on the thermal regime of the active  
layer of the Black Sea. Meteor. i gidrol. no.8:45-47 Ag '57.  
(Black Sea--Temperature) (MLRA 10:8)

BERENHEYM D.Ya., kandidat geograficheskikh nauk.

New features in the hydrology of the Sea of Azov and Kerch Strait.  
Priroda 46 no.2:77-79 P '57. (MIRA 10:3)

1. Azovsko-Chernomorskiy institut morskogo rybnogo khozyaystva i  
oceanografii (Kerch).  
(Azov, Sea of--Hydrology) (Kerch Straits--Hydrology)

BERENESYM, D.Ya.; PEROV, B.A.

From observations of the animal kingdom near the southern shore of  
the Crimea during the winter of 1953-1954. Izv.Krym.otd.Geog.ob-va  
no.4:105-107 '57.

(Crimea--Birds)

(MIRA 14:8)



*Bepenbeym, D.*

BERENBEYM, D.

What is happening to Kerch Strait. Geog. v shkole 20 no.5:63-64  
S-0 '57.

(Kerch Strait)

(MIRA 10:12)

AUTHORS: Berenbeym, D. Ya., Kochkarev, G. N. 07/50-58-7-10/20  
TITLE: Unusual Hail (Neobychnyy grad)  
PERIODICAL: Meteorologiya i gidrologiya, 1958, Nr 7, pp. 41 - 41 (USSR)

ABSTRACT: On July 19<sup>th</sup>, 1957, a thunderstorm with hail came down in the region of the city of Kerch'. The rain lasted from 11,08 hours to 12,35 hours. The precipitations amounted to 34,5 mm. The hail lasted from 12,15 hours to 12,30 hours. Beside hailstones of normal size (from 5 - 10 mm diameter) approximately 20 - 30 % hailstones fell, the diameter of which amounted to 50 - 80 mm. In the center of the city hailstones were registered with a weight of from 350 to 410 g. Smaller hailstones with a diameter up to 20 mm had the form of an acorn with an opaque core in the center. Greater hailstones consisted of ice balls which were frozen together and had a diameter of 3-5 mm and had an opaque core in the center. In the city brick-, slate-, and tar-board roofs were damaged and windows smashed. Up to 80 big holes (of a diameter up to 6 cm) were counted on 1 square meter of a roof, which were caused by the hailstones. The hail damaged fruit-and vegetable cultures and killed fowl. Traffic in the streets was obstructed during the hail fall. Connections were

Card 1/2

Unusual Hail

SOV/50-58-7-10/20

interrupted in several districts of the city. The wind velocity during the hail fall amounted to only grade 4 - 5. The described weather phenomenon was connected with the passing of a second cold front through the region of the city of Kerch'. The temperatures behind the front dropped to 9 - 10°.

1. Storms--Analysis
2. Hail damage
3. Wind--Velocity

Card 2/2

3(9)

AUTHOR:

Berenbeym, D. Ya.

SOV/50-59-1-9/20

TITLE:

The Variations of Many Years in the Level of the Black Sea and the Water Supply by Rivers (Mnogoletniya kolebaniya urovnya Chernogo morya i rechnoy stok)

PERIODICAL:

Meteorologiya i gidrologiya, 1959, Nr 1, pp 44-46 (USSR)

ABSTRACT:

By the Bosphorus, the small cross-section of which permits only a restricted discharge, the Black Sea is very much isolated, its level very much depending on the varying water supply by rivers. The level measurements of the hydrometeorological stations in Odessa, Sevastopol', Kerch', and Poti distinctly reflect the variations in dependence on the supply, particularly by the River Danube (measuring point Orşova) during a period of 50 years. Equations showing this connection were set up. The coefficients computed are so accurate that, with their help, level variations could be calculated for periods for which direct measurements were missing. The equation for the measuring points Odessa, Sevastopol', Kerch', and Poti contains a constant which is different for each of these measuring points. This is caused by: a) the geological lowering of the banks of the Black Sea, and b) the eustatic rise in level of

Card 1/2

The Variations of Many Years in the Level of the  
Black Sea and the Water Supply by Rivers

SOV/50-59-1-9/20

the world ocean due to the melting of glaciers. The lowering of the banks is 1.2 cm a year at Poti, but only 0.4 cm at Kerch'. The varying discharge velocity in the Bosphorus is caused by these level variations of the Black Sea, not only by the wind as is normally assumed. As the Danube gives about 45 % of the whole water supply to the Black Sea, and the Bosphorus cannot discharge the whole supply in years rich in water, a strong current passing the Bosphorus forms, especially in spring. There are 1 figure, 1 table, and 7 references, 6 of which are Soviet.

Card 2/2

3(5)

SOV/25-59-2-44/48

AUTHOR:

Berenbeyn D., Candidate of Geographical  
Sciences (Kerch')

TITLE:

They Write To Us (Nam pishut)

PERIODICAL:

Nauka i zhizn', 1959, Nr 2, p 79-80 (USSR)

ABSTRACT:

A brief note to the editor about the possibility to look simultaneously at two seas, Azov Sea and Black Sea, from certain points of the Crimean Peninsula.

Card 1/1

HERENHEYM, D. Starshiy nauchnyy sotrudnik

Recommended courses for the Black Sea and characteristics of the  
currents. Mor. flot 19 no.5:6-7. My '59. (MIRA 12:7)

L. Azovsko-Chernomorskiy nauchno-issledovatel'skiy institut rybnogo  
khozyaystva i okeanografii.  
(Black Sea--Navigation)

BERENBEYM, D.Ya.

Winter cruise of the SRT type research ship "Gonets" of the Azov-  
Black Sea Fisheries Scientific Institute (1959). *Biul.Okean.kom.*  
no.6:23-24 '60. (MIRA 14:7)

1. Azovsko-Chernomorskiy nauchno-issledovatel'skiy institut  
morskogo rybnogo khozyaystva i okeanografii.  
(Black Sea—Oceanographic research)



S/169/62/00  
D228/D307

AUTHOR:

Berenboym, D.Ya.

TITLE:

Fluctuations in the water content of the Black Sea and Sea of Azov and river discharge

PERIODICAL:

Referativnyy zhurnal, Geofizika, no. 12, 1962, 18, abstract 12V131 (Tr. Azovo-Chernomorsk. n.-i. in-ta morsk. kh-va i okeanogr., no. 18, 1960, 3-20)

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TEXT:

Fluctuations in the mean yearly and monthly levels of the Black Sea testify to corresponding annual and seasonal fluctuations in the volume of the Black Sea - the result of variations in the Black Sea river discharge varies the most. Fluctuations in the Dunay and Dneper, chiefly that of the Dunay or the total discharge of the Sea of Azov over the Black Sea is negligible, therefore variations in the average yearly levels at ports on the Sea of Azov de-

Card 1/2

Fluctuations in the sea of Azov. Yearly level at atmospheric circulation or the cyclonic-

S/169/62/000/012/076/095  
D228/D307

AUTHOR: Berënbeym, D.Ya.

TITLE: Fluctuations in the water content of the Black Sea and Sea of Azov and river discharge

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 12, 1962, 18, abstract 12V131 (Tr. Azovo-Chernomorsk. n.-i. in-ta morsk. kh-va i okeanogr., no. 18, 1960, 3-20)

TEXT: Fluctuations in the mean yearly and monthly levels of the Black Sea testify to corresponding annual and seasonal fluctuations in the volume of the Black Sea - the result of variations in the sea's water balance. Of the components of the water balance of the Black Sea river discharge varies the most. Fluctuations in the river discharge, chiefly that of the Dunay or the total discharge of the Dunay and Dneper, are the cause of the variability of the average yearly level at Black Sea ports. Any excess in the level of the Sea of Azov over the Black Sea is negligible, therefore variations in the average yearly levels at ports on the Sea of Azov de-

Card 1/2

S/169/62/000/012/076/095  
D228/D307

Fluctuations in the water ...

pend on fluctuations in the Black Sea's level or on fluctuations in the total annual discharge of the Dunay and Dneper. Tidal phenomena have a great influence on the mean yearly level of the Sea of Azov. It is also established that variations in the mean yearly level at ports on the Sea of Azov depend on the intensity of atmospheric circulation, expressed in the indices of Belinskiy for the cyclonic-anticyclonic activity.

[Abstracter's note: Complete translation] :

Card 2/2

BERENBYM, D., kand.geograf.nauk (Keroh')

Observation of the sea. Nauka i zhizn' 27 no.6:79 Je '60.  
(Ocean) (MIRA 13:7)

BERENBEYM, D.Ya.

Hydrological and hydrochemical work of the Azov-Black Sea Fisheries  
Scientific Institute. Biul. Okean kom. no.8:35-37 '61.

(MIRA 15:1)

(Black Sea--Fisheries--Research) (Azov, Sea of--Fisheries--Research)

BERENBEYM, D.Ya.

The salinity of the Azov Sea and the water exchange through the  
Kerch Strait in ancient times. Izv.Vses.geog.ob-va 93 no.5:  
432-436 S-0 '61. (MIRA 14:10)  
(Azov Sea—Hydrology)

BERENBEYM, D.Ya.; PROBATOV, A.N.

More promising areas for the fishing industry based on data  
from oceanographic studies. Okeanologia 3 no.2:308-312 '63.

(MIRA 16:7)

1. Kaliningradskiy tekhnicheskiy institut rybnoy promyshlennosti  
i khozyaystva.

(Fisheries)

BERENBEYM, D.Ya. (Kaliningrad)

Reversible circular current. Priroda 53 no.2:78-79 '64.  
(MIRA 17:2)



BERENBEYM, D.Ya.

Hydrologic conditions as a cause for the destruction of the anchovy in the Kerch Strait during its autumn migration. Okeanologiya 5 no.5:891-893 '65.

(MIRA 18:11)

1. Kaliningradskiy tekhnicheskiy institut rybnoy promyshlennosti i khozyaystva.

BERENBEYM, L.Ya. ; GAL'TSOV, A.P., doktor geograficheskikh nauk.

Rare tornado. Priroda 45 no.8:113 Ag '56. (MIRA 9:9)

1. Institut geografii Akademii nauk SSSR.  
(Tornadoes)

BERENBEYN, B.A., ordinator

Results in acupuncture therapy of certain dermatoses. Vest.derm.  
i ven. 34 no.2:56-60 F '60. (MIRA 13:12)

1. Iz kliniki koshmykh i venericheskikh bolezney (direktor - prof.  
V.Ya. Arutyunov) Moskovskogo oblastnogo nauchno-issledovatel'skogo  
klinicheskogo instituta imeni N.F.Vladimirskogo (direktor - kand.  
med.nauk P.M.Leonenko).  
(ACUPUNCTURE)  
(SKIN diseases)

BERENBEYN, B.A.

Physiological effects of treating neurodermatosis by  
acupuncture. Sbor. trud. QMI no.9:232-237 '62.

(MIRA 17:2)

1. Klinika kozhnykh i venericheskikh bolezney (dir. - prof.  
V.Ya. Arutyunov) Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta imeni M.F. Vladimirovskogo i laboratoriya refleksoterapii AMN SSSR (nauchnyy rukovoditel' - prof. G.N. Kassil').